

**CELLULAR PHONE INSTALLATION ADAPTED TO CAPTURE AND
VIEW IMAGES WHILE PROVIDING TELEPHONE COMMUNICATION
SERVICE SIMULTANEOUSLY**

5 **ABSTRACT OF THE DISCLOSURE**

There is disclosed a cellular phone installation adapted to capture and view image while providing telephone communication service simultaneously and a design method of implementing the same. While a cellular phone installation is used to capture or view images, an interrupt control unit is forced to intercept the
10 transmission between a digital baseband processing unit and a display module for driving a image capture processing module to transfer the captured image and display the captured image on a display module. In this manner, the cellular phone installation is able to conduct telephone communication in the middle of image capture or viewing, and the convenience of using the cellular phone
15 installation is improved. Also, the digital baseband processing unit is able to read out the captured image from the image capture processing module via a serial bus during the free intervals between busy telephone communication periods of the cellular phone installation, and transfer the readout image to a memory unit.